

\* SWBAT connect heat flow and temperature to equilibrium

Sep 6-2:31 PM

# Welcome!!!

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SECA Physics  
Wednesday 6 January 2016

- \* Pick up:
  - slip of paper (for later)
  - notebook



<https://www.youtube.com/watch?v=By1sRYcp4nA>

Opening activity:

Eureka video: what's the point of the cup and the bucket?

MORE  
MLC.

LESS  
MLC.

SLOWER  
MLC.

FAST  
MLC.

Centering

Sep 7-7:04 AM

R? ~~E~~SPECTFUL    H? ONEST    R? RESPONSIBLE

Goal of Physics Class?

LEARN → CREDITS → GRADUATE !!!

Look through Leslie's Classroom RHR chart

"!" on a few important to our goal

"?" on a few: don't understand or don't think are important

- Share with your table

- any in common?

- any we still have questions on?

→ CHECKING SCHOOLVIEW  
→ SUPPLIES

Jan 8-8:10 AM

## Big Ideas!

- Temperature is a measure of the AVERAGE internal energy

- Degree labels are arbitrary  
except for...

KELVIN WHERE 0 IS  
THE COLDEST POSSIBLE

## Thermometer info in notes!

- HEAT is the flow (transfer) of that internal kinetic energy

- Heat will flow until things in contact reach EQUILIBRIUM  
same temperature!

Dec 14-7:13 AM

## Daily 3 Questions

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Water boils at
- A. 100° C      B. 212° F
- C. Both A&B      D. Neither

2. What is one of Leslie's Classroom RHR behaviors that is really important for student learning?

**TURN ON BRAIN**

3. True or False: Leslie has unlimited time to help students learn and get credit.

Dec 2-7:55 AM